

Thin Motor and Pump

Abstract: A number of elemental motors or the like are installed on a surface.

Their movement is transferred to the actuator to drive the load. The elemental motors or the like can be as thin as desired. The number of the elemental motors or the like can be large to have desired power. Hence, the invented motor can be very thin. With position detector, the actuator of the thin motor can make desired movement at desired moments of time. Installing a thin or small reservoir on the same surface to have the actuator drive the plunger of the reservoir, the pump can be thin and can deliver desired amount of liquid at desired moments of time. For medical application, the output medication is delivered into the user's body.